

Change Number Rev. 1 M17-89-1	FEDERAL FACILITY AGREEMENT AND CONSENT ORDER CHANGE CONTROL FORM <i>Do not use blue ink. Type, or print using black ink.</i>	Date Revised January 12, 1990
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START

Originator R. R. Thompson	Phone (509) 373-4894
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Class of Change <input type="checkbox"/> I - Signatories (Section 13.0) <input checked="" type="checkbox"/> II - Project Manager <input type="checkbox"/> III - Unit Manager

Change Title	Consolidation of Project W-047 "Final Disposal System" and Project W-100 "Waste Receiving and Processing MODULE 2".
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Description/Justification of Change

Project W-047 "Final Disposal System" was intended to provide treatment for secondary Solid Wastes produced by liquid effluent treatment facilities implemented under the "Plan and Schedule to discontinue the disposal of contaminated liquids into the Soil Column at the Hanford Site." The Waste Receiving and Processing (WRAP) facility Module 2 is planned to provide treatment for all Hanford radioactive and/or hazardous solid wastes.

The waste to be treated by WRAP is similar to the secondary resins and sludges to be treated by Project W-047, Final Disposal Systems. Consolidation of these projects will provide an improved method of completing the required work while making effective utilization of resources. The project management, permitting and funding required to accomplish the work will be reduced. Mixed Waste Storage Facilities are planned to be available to store the waste until WRAP Module 2 operation. Further details are included on the continuation pages.

Impact of Change

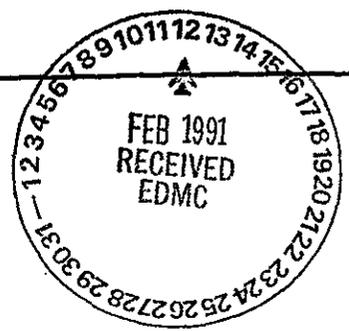
Delete Interim Milestone M-17-07. Complete Secondary Waste Treatment System, June 1995.

Add statement to Milestone M-19-00 - "WRAP Module 2 will provide for treatment of secondary Solid Waste resulting from treated effluent disposal systems."

Affected Documents

Federal Facility Agreement and Consent order, May 1989, 89-10.

Approvals	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
DOE <i>[Signature]</i>		4/10/90 Date
EPA <i>[Signature]</i>		4/10/90 Date
Ecology <i>[Signature]</i>		4/10/90 Date



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CHANGE NUMBER: M17-89-1 - Continuation

DESCRIPTION/JUSTIFICATION OF CHANGE:

Among the benefits of combining the Liquid Effluent Treatment facility "Final Disposal System" with WRAP, Module 2 are the following:

- Capital expenditure savings of approximately \$14,000,000 are estimated.
- Annual operating expense savings of approximately \$800,000 are estimated.
- Land area devoted to radioactive waste processing will be reduced; thus, requiring less future decontamination and decommissioning.
- Air and liquid effluents will be reduced.
- There will be one less set of environmental permits required.
- With one less Treatment, Storage and Disposal (TSD) facility environmental surveillance and monitoring requirements will be less.
- Unnecessary duplication of solid waste treatment equipment will be avoided.
- Total personnel exposure to radioactivity will be reduced.

The WRAP, Module 2, will be available for operation in 1999, four years after the June 1995 Secondary Waste Treatment System milestone. Estimated volume of Radioactive Mixed Waste (RMW) generated by treated effluent facilities during this time is 8,100 cubic feet (1,100 drums). This quantity is less than two percent of planned RMW storage capacity and will have no substantial effect on storage capacity requirements.

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